Project Audit

Project:

Tower Verse

March 04, 2022

Overview

This audit has been prepared for **Tower Verse** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key point:

- Contract's source code
- Project and team
- Website
- Social media & online presence

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.

"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
- SpyWolf Team

Smart Contract Summary

Contract Name	TowerVerse
Ticker	TOWERVERSE
Contract	0x08348F0e55D2DaB3D3B4Bf5159a3c1e3e67BDe55
Network	Binance Smart Chain
Language	Solidity
Tax	No tax
Total Supply	1,000,000,000
Status	Launched

Current stats

Burn	No burned tokens
LP Address	No liquidity added yet
MaxTxAmount	5,000,000

Smart Contract Statistics

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	1000000000 TOWERVERSE
Median Transfer Amount	1000000000 TOWERVERSE
Average Transfer Amount	1000000000 TOWERVERSE
First transfer date	2022-03-03
Last transfer date	2022-03-03
Days tokens Transfer	1

Issues Checking Status

Design Logic	**Passed ✓**
Compiler warnings.	**Passed ✓**
Private user data leaks	**Passed ✓**
Timestamp dependence	**Passed ✓**
Integer Overflow and Underflow	**Passed ✓**
Race conditions and Reentrancy. Cross-function race conditions	**Passed ✓**
Possible delays in data delivery	**Passed ✓**
Oracle calls	**Passed ✓**
Front running	**Passed ✓**
DoS with Revert	**Passed ✓**
DoS with block gas limit	**Passed ✓**
Methods execution permissions	**Passed ✓**
Economy model	**Passed ✓**
The impact of the exchange rate on the logic	**Passed ✓**
Malicious Event log	**Passed ✓**
Scoping and Declarations	**Passed ✓**
Uninitialized storage pointers	**Passed ✓**
Arithmetic accuracy	**Passed ✓**
Cross-function race conditions	**Passed ✓**
Safe Zeppelin module	**Passed ✓**
Fallback function security	**Passed ✓**

Featured Wallets

Owner address	0xE795f9db4786cE0CDD8F41aDb21E95c4a6fdF4C3
BuyBack wallet	0xe16f15968B7cCE71EB3d5312e008BEeA031Ed26c
Marketing wallet	0x3D02d6F1B203838D846Dca9a096b394D770028ED
Staking address	0xD3f190d10E53B6685db2C8D1Ab584BBae440faD4
Lp address	Same as owner
LP token address	No liquidity added yet

Top 3 Unlocked Wallets

Wallet 1 (100%)	Same as owner

Tokens not distributed yet

Tokenomics

Current State

Owner holds 100% of total supply, tokens are not distributed yet. Token distribution not specified in whitepaper. ⚠️

Security Threads

Owner can change buy/sell fees up to 98% ⚠️

```solidity
function setLiquidityFeePercent(uint256 liquidityFeeBuy, uint256 liquidityFeeSell) external teamMemberOnly {
    require(liquidityFeeBuy < 50, "tax too high");
    require(liquidityFeeSell < 50, "tax too high");
    _liquidityFeeBuy = liquidityFeeBuy;
    _liquidityFeeSell = liquidityFeeSell;
}

function setReflectionFeePercent(uint256 reflectionFee) external teamMemberOnly() {
    require(reflectionFee < 50, "tax too high");
    _reflectionFee = reflectionFee;
}
```

Owner can change max transaction limit, but can't lower it than 0.1% of total supply

```solidity
function changeWhaleSettings(uint256 maxTxAmount, uint256 maxWallet) external teamMemberOnly {
    require(maxTxAmount > totalSupply().div(1000), "max tx too low");
    require(maxWallet > totalSupply().div(1000), "max wallet too low");
    _maxWallet = maxWallet;
    _maxTxAmount = maxTxAmount;
}
```

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Tower Verse
Project & Team Review

According to their website and whitepaper:

Tower Verse project will be tower defence game based on NFTs. There will be staking dapp where holders can stake their tokens to receive rewards and also NFT marketplace.

Team:

📝 KYCd by SpyWolf

https://spywolf.network/assets/kyc/2022/march/KYC_TowerVerse_0x08348F0e55D2DaB3D3B4Bf5159a3c1e3e67BDe55.png

Website Analysis

URL: https://towerverse.io/

- **Design:** Single page, nice color scheme. Buttons for socials have the wrong destination. ⚠️
- **Content:** Informative, well structured, no grammar mistakes.
- **Whitepaper:** Not explanatory - token distribution not explained, goals and mechanics of the gameplay not explained, very short. ⚠️
- **Roadmap:** Goals set for 1 year a head.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.

Social Media & Online Presence

Telegram

https://t.me/Tower_Verse

- 4 950 members
- Active members
- Active mods

Twitter

https://twitter.com/TowerVerse

- 2 345 Followers
- Not very active.

About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, $SPY.

▶ Website: SpyWolf.co

▶ Portal: SpyWolf.network

▶ Telegram: @SpyWolfNework

▶ Twitter: Twitter.com/SpyWolfNetwork
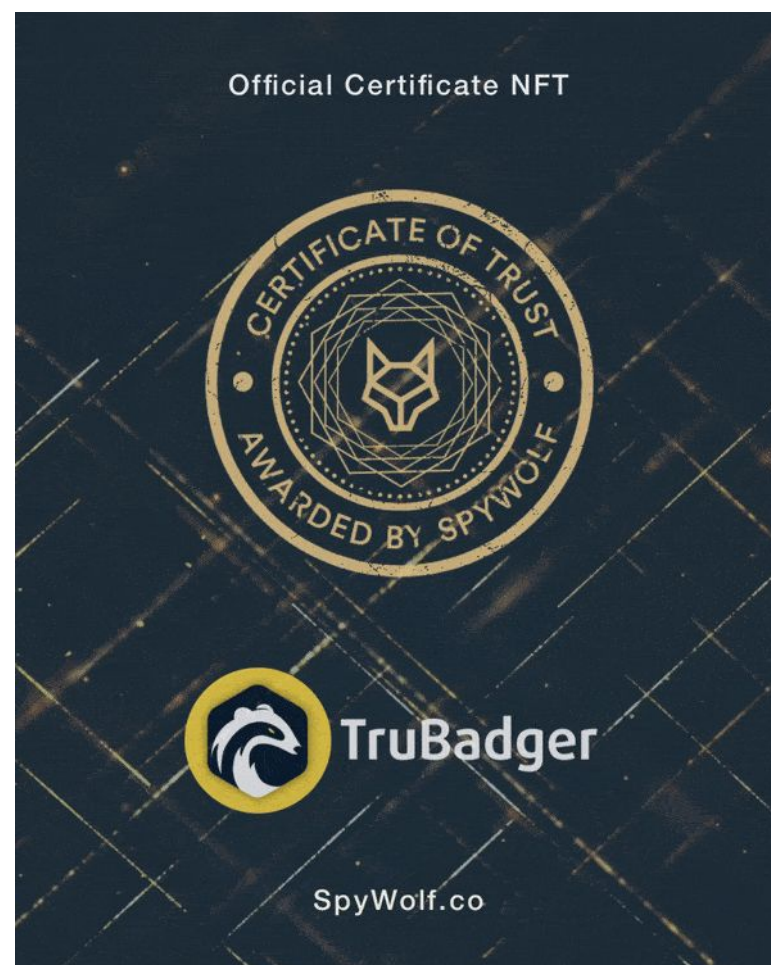
(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.